

NASA Strategic Roadmaps

In January 2004, President Bush directed NASA to pursue a broad but focused program of space exploration. In response to this direction, and subsequent guidance from the Aldridge Commission, NASA has laid out a planning framework that will culminate in an Agency-wide Integrated Space Architecture that will implement this Vision for Space Exploration. This architecture will be constructed from Strategic Roadmaps and Capability Roadmaps to be prepared over the next six months, and it will be used to guide Agency-wide programmatic and budget decisions. There will be 13 Strategic Roadmaps, and each will be developed by a broadly representative national committee composed of members from the Government (including NASA), industry, and the academic scientific community. The areas for which roadmaps will be developed are the following:

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|---|-------------------------------|----|------------------------|
| 1 | Lunar Exploration | 8 | The Universe |
| 2 | Mars Exploration | 9 | Dynamic Earth System |
| 3 | Solar System Exploration | 10 | Sun-Earth System |
| 4 | Search for Earth-like Planets | 11 | Aeronautics Technology |
| 5 | Crew Exploration Vehicle | 12 | Education |
| 6 | International Space Station | 13 | Nuclear System |
| 7 | Space Shuttle Transition | | |

Each roadmap will describe broad goals of its subject area, recommended activities or programs to achieve these goals, and priorities and decision rules for conducting these activities and programs. Each roadmap will also address inter-roadmap dependencies, technology requirements, and facilities and other infrastructure needs. The time period covered will extend from 2005 to 2035.

The schedule for development of the set of Strategic Roadmaps is:

Key Milestones*	Target Date
Complete committee formation	November 30
Committee charters approved	December 20
First meetings	January 2005
Strategic Roadmaps mid-term status reviews	March
Roadmaps submitted for NRC review	April 15
<i>NRC reviews received</i>	<i>June 1</i>
Roadmaps complete	July 31

* Roadmaps 7 and 12 follow a delayed schedule

In order to ensure active stakeholder engagement and clear public visibility into this critical Agency planning process, the roadmapping committees will be operated in conformance to the Federal Advisory Committee Act (FACA), which provides for public access to meetings and meeting records. This package contains the roadmap committee FACA charters for your concurrence on their way to approval by the Administrator. Because of the public notice steps required by the FACA for chartering and meeting announcements, the schedule to begin meetings in January is extremely tight. Your prompt attention and concurrence are requested.